

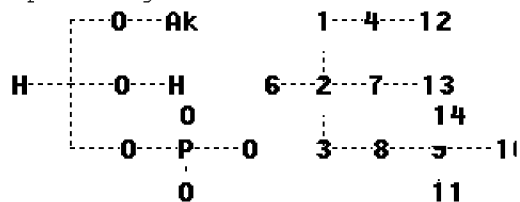
```
Connectivity :
1:2 E exact RC ring/chain   3:2 E exact RC ring/chain   10:1 E exact RC ring/chain
11:1 E exact RC ring/chain
Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS  10:CLASS
11:CLASS
```

$\begin{array}{c} \text{H} - \text{O} - \text{H} \\ | \\ \text{H} - \text{O} - \text{Ak} \\ | \\ \text{H} - \text{O} - \text{P} - \text{O} \\ | \\ \text{O} \end{array}$

```
Connectivity :
1:2 E exact RC ring/chain   3:2 E exact RC ring/chain   10:1 E exact RC ring/chain
11:1 E exact RC ring/chain
Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS  10:CLASS
```

11:CLASS 12:CLASS 13:CLASS 14:CLASS

Uploading L7.str



chain nodes :

1 4 6 10 11 12 13 14

ring/chain nodes :

2 3 7 8 9

chain bonds :

1-2 1-4 2-6 4-12 7-13 9-10 9-11 9-14

ring/chain bonds :

2-3 2-7 3-8 8-9

exact/norm bonds :

1-2 1-4 2-3 2-6 2-7 3-8 4-12 7-13 8-9 9-10 9-11 9-14

Connectivity :

1:2 E exact RC ring/chain 3:2 E exact RC ring/chain 10:1 E exact RC ring/chain

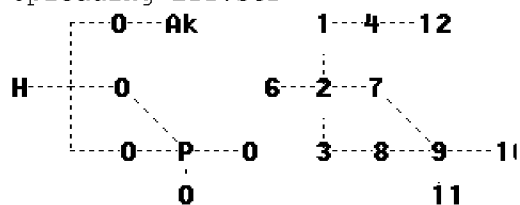
11:1 E exact RC ring/chain

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS

11:CLASS 12:CLASS 13:CLASS 14:CLASS

Uploading L11.str



chain nodes :

1 4 6 10 11 12

ring nodes :

2 3 7 8 9

chain bonds :

1-2 1-4 2-6 4-12 9-10 9-11

ring bonds :

2-3 2-7 3-8 7-9 8-9

exact/norm bonds :

1-2 1-4 2-3 2-6 2-7 3-8 4-12 7-9 8-9 9-10 9-11

Connectivity :

1:2 E exact RC ring/chain 3:2 E exact RC ring/chain 10:1 E exact RC ring/chain

11:1 E exact RC ring/chain

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Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS

Full search history

=&gt; d his full

(FILE 'HOME' ENTERED AT 13:09:05 ON 09 NOV 2009)

FILE 'REGISTRY' ENTERED AT 13:09:30 ON 09 NOV 2009

L1           STRUCTURE UPLOADED  
               D L1  
 L2           50 SEA SSS SAM L1  
 L3           25687 SEA SSS FUL L1  
               SAVE TEMP L3 KAT283STL1/A

FILE 'STNGUIDE' ENTERED AT 13:12:06 ON 09 NOV 2009

FILE 'REGISTRY' ENTERED AT 13:14:09 ON 09 NOV 2009

L4           STRUCTURE UPLOADED  
               D L4  
 L5           31 SEA SUB=L3 SSS SAM L4  
 L6           556 SEA SUB=L3 SSS FUL L4

FILE 'STNGUIDE' ENTERED AT 13:15:22 ON 09 NOV 2009

FILE 'REGISTRY' ENTERED AT 13:15:57 ON 09 NOV 2009

L7           STRUCTURE UPLOADED  
               D L7  
 L8           50 SEA SUB=L3 SSS SAM L7  
 L9           1926 SEA SUB=L3 SSS FUL L7  
 L10          17 SEA SPE=ON ABB=ON PLU=ON L3 AND ?EPOX?/CNS  
               D SCAN  
 L11          STRUCTURE UPLOADED  
               D L11  
 L12          4 SEA SUB=L3 SSS SAM L11  
               D SCAN  
 L13          101 SEA SUB=L3 SSS FUL L11  
 L14          0 SEA SPE=ON ABB=ON PLU=ON LYSOPHOSPHATIDIC ACID/CN  
 L15          48 SEA SPE=ON ABB=ON PLU=ON "LYSOPHOSPHATIDIC ACID"/ONS  
 L16          6 SEA SPE=ON ABB=ON PLU=ON L3 AND L15  
               D SCAN

FILE 'HCAPLUS' ENTERED AT 13:23:25 ON 09 NOV 2009

L17          601 SEA SPE=ON ABB=ON PLU=ON L6  
 L18          2591 SEA SPE=ON ABB=ON PLU=ON L9  
 L19          29 SEA SPE=ON ABB=ON PLU=ON L10  
 L20          57 SEA SPE=ON ABB=ON PLU=ON L13  
 L21          190 SEA SPE=ON ABB=ON PLU=ON L16  
 L22          553 SEA SPE=ON ABB=ON PLU=ON L15  
 L23          552 SEA SPE=ON ABB=ON PLU=ON (L22 OR "LYSOPHOSPHATIDIC ACID" OR  
               LYSOPHOSPHAT?(W)ACID OR "LPA") AND ((SCREEN? OR DETECT? OR  
               TEST? OR DIAGNOS? OR PROGNOS? OR DETERMIN? OR MEASUR?)(9A)(KIT  
               OR PATIENT? OR CLINIC? OR DISEAS? OR PREVENT? OR PROPHYLA? OR  
               THERAP? OR PHARMAC? OR DRUG? OR TREAT?))  
 L24          640 SEA SPE=ON ABB=ON PLU=ON (L22 OR "LYSOPHOSPHATIDIC ACID" OR  
               LYSOPHOSPHAT?(W)ACID OR "LPA") AND (ASSAY? OR BIOASSAY?)  
 L25          106 SEA SPE=ON ABB=ON PLU=ON ((L17 OR L18 OR L19 OR L20 OR  
               L21)) AND ((SCREEN? OR DETECT? OR TEST? OR DIAGNOS? OR  
               PROGNOS? OR DETERMIN? OR MEASUR?)(7A)(KIT OR PATIENT? OR  
               CLINIC? OR DISEAS? OR PREVENT? OR PROPHYLA? OR THERAP? OR  
               PHARMAC? OR DRUG? OR TREAT?))

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L26 237 SEA SPE=ON ABB=ON PLU=ON ((L17 OR L18 OR L19 OR L20 OR  
L21)) AND (ASSAY? OR BIOASSAY?)  
L27 74 SEA SPE=ON ABB=ON PLU=ON (L23 OR L24) AND (L25 OR L26)  
L28 67 SEA SPE=ON ABB=ON PLU=ON L27 AND ("LYSOPHOSPHATIDIC ACID"  
OR LYSOPHOSPHAT?(W)ACID OR "LPA")  
L29 872 SEA SPE=ON ABB=ON PLU=ON (L23 OR L24 OR L25 OR L26) AND  
(AY<2005 OR PY<2005 OR PRY<2005 OR REVIEW/DT)  
L30 46 SEA SPE=ON ABB=ON PLU=ON L28 AND L29  
E LYSOPHOSPHATIDIC ACIDS/CT  
L31 2673 SEA SPE=ON ABB=ON PLU=ON "LYSOPHOSPHATIDIC ACIDS"+NT,PFT/CT  
  
L32 465 SEA SPE=ON ABB=ON PLU=ON (L23 OR L24 OR L25 OR L26) AND L31  
  
L33 278 SEA SPE=ON ABB=ON PLU=ON L32 AND (AY<2005 OR PY<2005 OR  
PRY<2005 OR REVIEW/DT)  
L34 45 SEA SPE=ON ABB=ON PLU=ON L33 AND ((SCREEN? OR HIGH(W)THROUGH  
? OR DISCOVER? OR BIOASSAY? OR DETECT? OR FIND?) (5A) (THERAP?  
OR PHARMAC? OR DRUG? OR SUBSTANC? OR PREVENT? OR PROPHYLA?))  
L35 5 SEA SPE=ON ABB=ON PLU=ON L34 AND (L27 OR L28 OR L30)  
L36 52 SEA SPE=ON ABB=ON PLU=ON (L34 OR L27 OR L28 OR L30) AND  
(("LYSOPHOSPHATIDIC ACID" OR LYSOPHOSPHAT?(W)ACID OR "LPA") (L) (  
RECEPT? OR ACTIV?(W)SITE? OR ANALOG? OR ANTAGON? OR AGON? OR  
MIMIC? OR MIMETO?))  
L37 42 SEA SPE=ON ABB=ON PLU=ON (L33 OR L34 OR L35 OR L36) AND  
((DRUG? OR PHARMAC? OR THERAP?) (3A) (DISCOVER? OR SCREEN?))  
L38 39 SEA SPE=ON ABB=ON PLU=ON (L27 OR L28 OR L30 OR (L34 OR L35  
OR L36 OR L37)) AND THU/RL  
L39 17 SEA SPE=ON ABB=ON PLU=ON (L27 OR L28 OR L30 OR (L34 OR L35  
OR L36 OR L37)) AND PAC/RL  
L40 0 SEA SPE=ON ABB=ON PLU=ON (L27 OR L28 OR L30 OR (L34 OR L35  
OR L36 OR L37)) AND PKT/RL  
L41 22 SEA SPE=ON ABB=ON PLU=ON (L27 OR L28 OR L30 OR (L34 OR L35  
OR L36 OR L37)) AND DGN/RL  
L42 4 SEA SPE=ON ABB=ON PLU=ON (L27 OR L28 OR L30 OR (L34 OR L35  
OR L36 OR L37)) AND DMA/RL  
L43 19 SEA SPE=ON ABB=ON PLU=ON L38 AND (L39 OR L40 OR L41)  
L44 23 SEA SPE=ON ABB=ON PLU=ON L35 OR L43  
D L44 1-22 TI  
L45 15 SEA SPE=ON ABB=ON PLU=ON L30 AND (L38 OR L39 OR L40 OR L41  
OR L42 OR L43 OR L44)  
L46 31 SEA SPE=ON ABB=ON PLU=ON (L44 OR L45)  
D L45 1-15 TI  
L47 34 SEA SPE=ON ABB=ON PLU=ON L37 AND (L38 OR L39 OR L40 OR L41  
OR L42 OR L43 OR L44 OR L45 OR L46)  
L48 49 SEA SPE=ON ABB=ON PLU=ON (L46 OR L47)  
D L49 1-15 TI  
D L49 1-18 TI  
E US20070161604 /PN  
L49 1 SEA SPE=ON ABB=ON PLU=ON US20070161604 /PN  
D L49  
D SCAN  
SEL RN

FILE 'REGISTRY' ENTERED AT 14:17:40 ON 09 NOV 2009

L50 16 SEA SPE=ON ABB=ON PLU=ON (7440-70-2/BI OR 857474-49-8/BI OR  
857474-50-1/BI OR 857474-51-2/BI OR 857474-52-3/BI OR 857474-53  
-4/BI OR 857474-54-5/BI OR 857474-55-6/BI OR 857474-56-7/BI OR  
857474-57-8/BI OR 857474-58-9/BI OR 857474-59-0/BI OR 857474-60  
-3/BI OR 857474-61-4/BI OR 857474-62-5/BI OR 9081-34-9/BI)  
D SCAN

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L51 14 SEA SPE=ON ABB=ON PLU=ON L50 AND L3

FILE 'HCAPLUS' ENTERED AT 14:18:34 ON 09 NOV 2009

L52 1 SEA SPE=ON ABB=ON PLU=ON L51

L53 1 SEA SPE=ON ABB=ON PLU=ON L52 AND ("LYSOPHOSPHATIDIC ACID"  
OR LYSOPHOSPHAT?(W)ACID OR "LPA")

L54 1 SEA SPE=ON ABB=ON PLU=ON L48 AND L53

L55 49 SEA SPE=ON ABB=ON PLU=ON L54 OR L48  
E HAYASH A?/AU  
E HAYASHI A?/AU

L56 2198 SEA SPE=ON ABB=ON PLU=ON HAYASHI A?/AU  
E NAKADE S?/AU

L57 122 SEA SPE=ON ABB=ON PLU=ON NAKADE S?/AU  
E SUZUKI H?/AU

L58 20734 SEA SPE=ON ABB=ON PLU=ON SUZUKI H?/AU

L59 1 SEA SPE=ON ABB=ON PLU=ON L56 AND L57 AND L58

L60 47 SEA SPE=ON ABB=ON PLU=ON (L56 OR L57 OR L58) AND (ONO  
PHARMAC?/CO,CS,PA,SO)

L61 7 SEA SPE=ON ABB=ON PLU=ON L56 AND (L57 OR L58)

L62 3 SEA SPE=ON ABB=ON PLU=ON L57 AND L58

L63 26 SEA SPE=ON ABB=ON PLU=ON (L56 OR L57 OR L58) AND ("LPA" OR  
"LYSOPHOSPHATIDIC ACID" OR LYSOPHOSPHAT? OR (LYSO(W)PHOSPHAT?))

L64 10 SEA SPE=ON ABB=ON PLU=ON L60 AND (L61 OR L62 OR L63)

L65 28 SEA SPE=ON ABB=ON PLU=ON L59 OR L63 OR L64

FILE 'MEDLINE, BIOSIS, EMBASE, DRUGU' ENTERED AT 14:24:41 ON 09 NOV 2009

L66 0 SEA SPE=ON ABB=ON PLU=ON L59

L67 30 SEA SPE=ON ABB=ON PLU=ON L65  
D STAT QUERY L55

FILE 'HCAPLUS' ENTERED AT 14:29:00 ON 09 NOV 2009  
D L55 1-49 IBIB ED ABS HITRN HITSTR

FILE 'MEDLINE, BIOSIS, EMBASE, DRUGU' ENTERED AT 14:29:17 ON 09 NOV 2009  
D QUE L65  
D QUE L67

FILE 'HCAPLUS, MEDLINE, BIOSIS, EMBASE' ENTERED AT 14:29:54 ON 09 NOV 2009

L68 33 DUP REM L65 L67 (25 DUPLICATES REMOVED)  
ANSWERS '1-28' FROM FILE HCAPLUS  
ANSWERS '29-30' FROM FILE MEDLINE  
ANSWERS '31-33' FROM FILE BIOSIS  
D L68 1-33 IBIB AB

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

DICTIONARY FILE UPDATES: 8 NOV 2009 HIGHEST RN 1191799-54-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when

conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Nov 6, 2009 (20091106/UP).

FILE HCAPLUS

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FILE COVERS 1907 - 9 Nov 2009 VOL 151 ISS 20

FILE LAST UPDATED: 8 Nov 2009 (20091108/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CAPplus family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

FILE MEDLINE

FILE LAST UPDATED: 8 Nov 2009 (20091108/UP). FILE COVERS 1949 TO DATE.

MEDLINE and LMEEDLINE have been updated with the 2009 Medical Subject Headings (MeSH) vocabulary and tree numbers from the U.S. National Library of Medicine (NLM). Additional information is available at

[http://www.nlm.nih.gov/pubs/techbull/nd08/nd08\\_medline\\_data\\_changes\\_2009](http://www.nlm.nih.gov/pubs/techbull/nd08/nd08_medline_data_changes_2009).

On February 21, 2009, MEDLINE was reloaded. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

See HELP RANGE before carrying out any RANGE search.

FILE BIOSIS  
FILE COVERS 1926 TO DATE.  
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 4 November 2009 (20091104/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

FILE EMBASE  
FILE COVERS 1974 TO 9 Nov 2009 (20091109/ED)

EMBASE was reloaded on March 30, 2008.

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Beginning January 2008, Elsevier will no longer provide EMTREE codes as part of the EMTREE thesaurus in EMBASE. Please update your current-awareness alerts (SDIs) if they contain EMTREE codes.

For further assistance, please contact your local helpdesk.

FILE DRUGU  
FILE LAST UPDATED: 5 NOV 2009 <20091105/UP>  
>>> DERWENT DRUG FILE (SUBSCRIBER) <<<

>>> FILE COVERS 1983 TO DATE <<<  
>>> THESAURUS AVAILABLE IN /CT <<<